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IT Investment and Requirements Management Process

28 March 03

Purpose

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Provide Background on development of IT Investment and Requirements Management Process in support of N61K tasking

Discuss Single Sign-On designation as Pilot

Identify Next Steps toward short-term and long-term solutions

Background

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NMCI and Enterprise IT Issues Identified and Tasked for Resolution

- CNO Washington N6/N7 Naval Message 13 Jan 2003
- COMNAVNETWARCOM Naval Message 30 Jan 03
- VTC 31 Jan 03
- Navy Information Office Branch Head email 04 Feb 03

Tasking Summary (as summarized in 4 Feb NIO email)

- Generate Requirements
- Determine the Architecture
- Build an Acquisition Strategy

OPNAV Sponsor Brief, 28 February

- OPNAV, PEO-IT, PEO-C4I, SPAWAR CHENG, NMCI and NNWC represented
- Abbreviated IT Investment and Requirements Management Process briefed
- PEO-IT to assist Working Group facilitators in implementing abbreviated process

Current IT Issue Resolution

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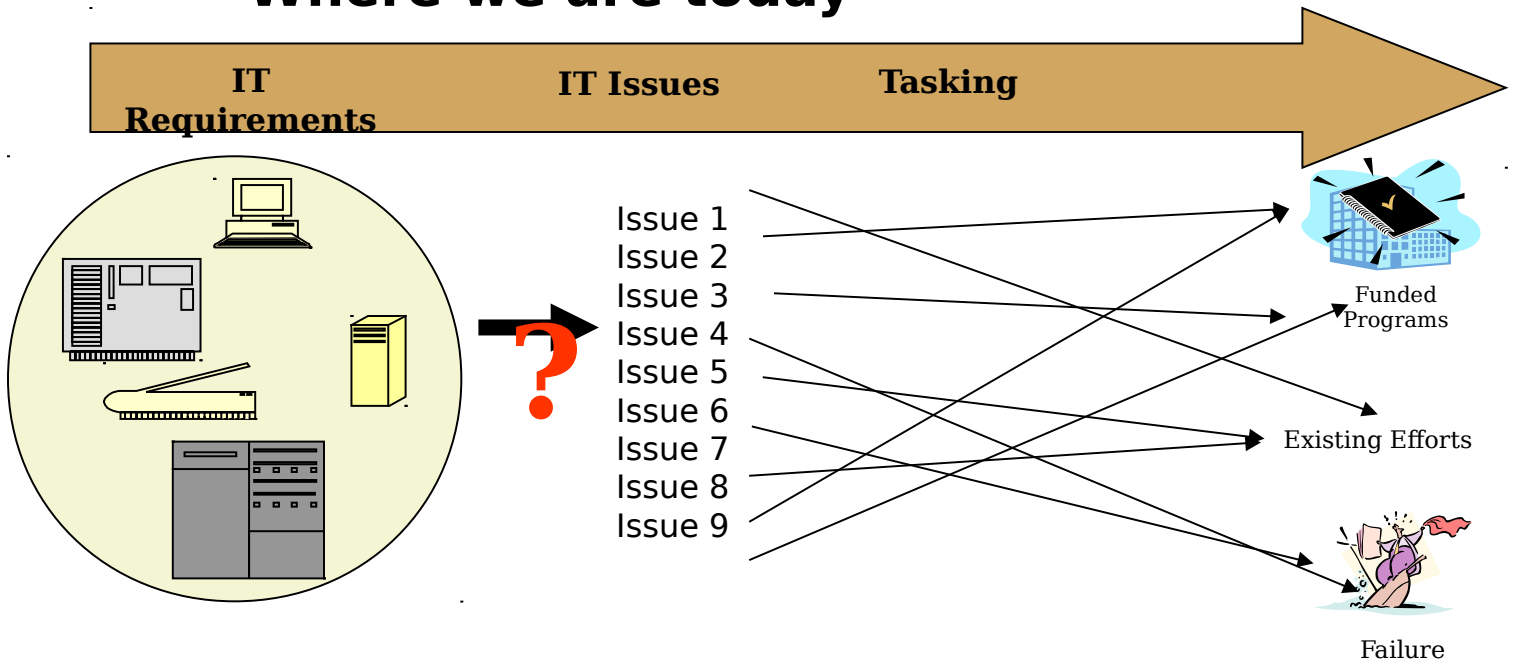
- Where we are today



Lack of centralized DoN process to support IT investment

- 04 Mar 03 SECNAV Naval message tasks Deputy DoN CIO in supporting development and implementation of a DoN IM/ IT Enterprise Implementation Plan
- IT Investment and Requirements Management Process modeled off of

Future IT Issue Resolution
- Where we need to be (Notional)

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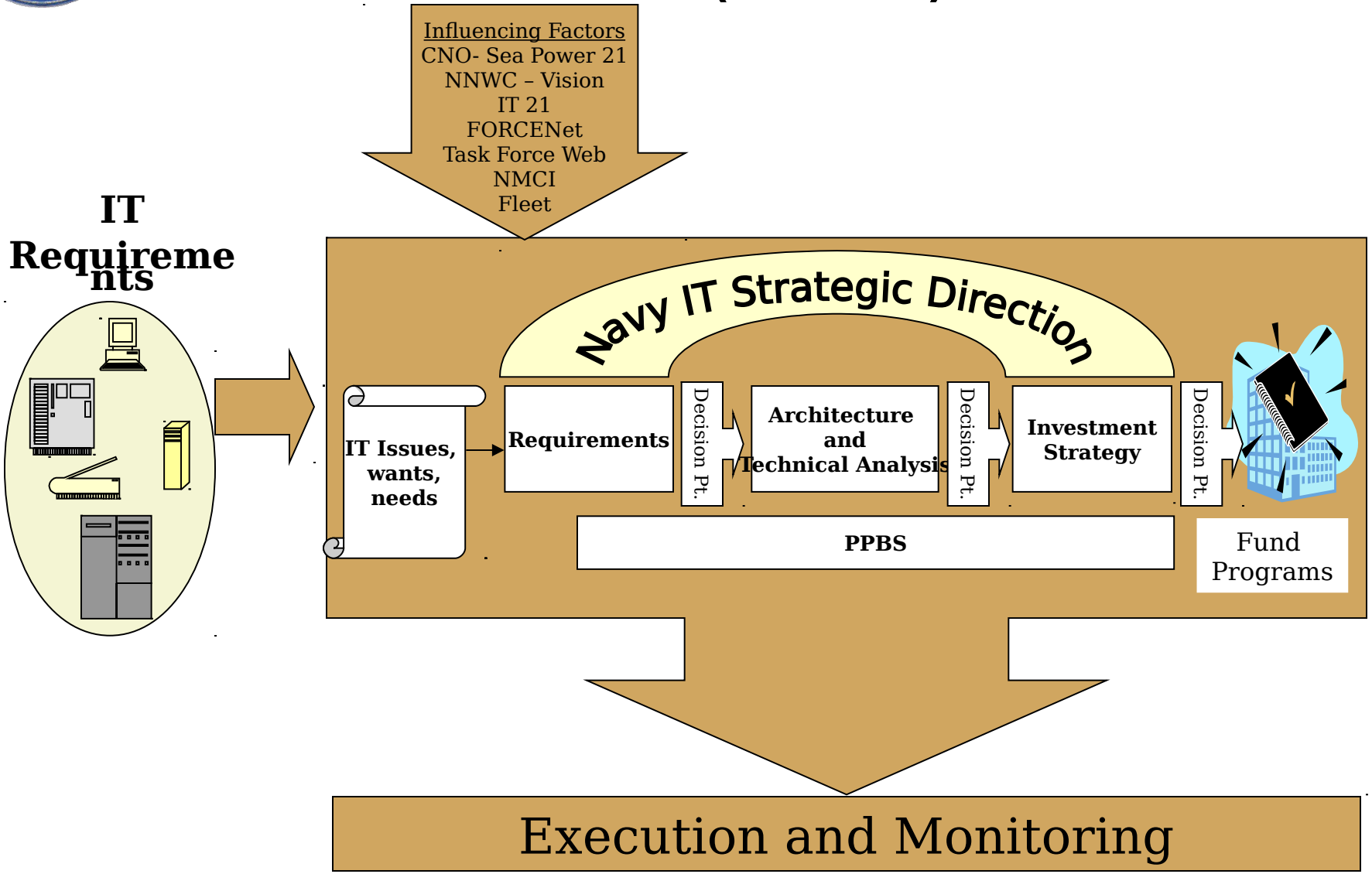

DoN IT Issue Investment and Requirements Management Process

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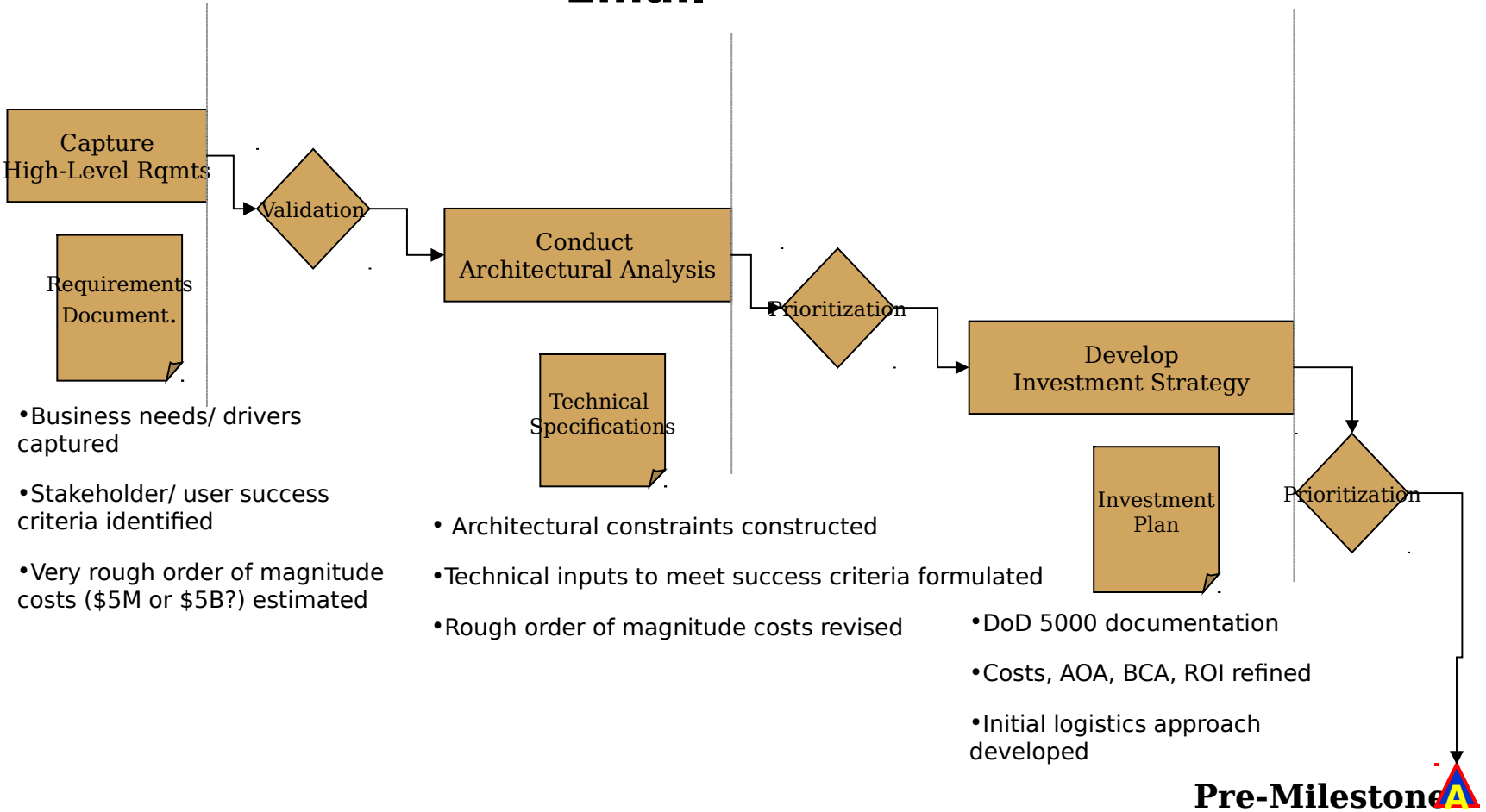
Abbreviated Process to address N61 Email



- Business needs/ drivers captured
- Stakeholder/ user success criteria identified
- Very rough order of magnitude costs ($5M or $5B?) estimated

- Architectural constraints constructed
- Technical inputs to meet success criteria formulated
- Rough order of magnitude costs revised

- DoD 5000 documentation
- Costs, AOA, BCA, ROI refined
- Initial logistics approach developed

Initial Assessment of NMCI and Enterprise IT Issues PEO-IT

Evaluation from meetings with N61K Facilitators

- Significant work required to define actual requirements
- Many small efforts working independently on areas that relate to overall issue
- Requires Working Group level participation from each IT organization
  - Roles, responsibilities and organizational involvement must be delineated
- Issues reach beyond relationship to NMCI
- Discussions with SPAWAR CHENG and N61K facilitators confirmed need for tested process
- Identified NGDS as a critical solution that supports multiple initiatives
  - Single Sign-On is the capability that NGDS, as a solution, is a component of

Approach

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Validate requirements associated with Single Sign-On capability as pilot for investment process

- Expected outcome will be an iterative investment approach that includes: directory services, single sign-on, account management, and more
- Opportunity for Task Force Web to validate work
  - Significant work has been done already

Use lessons from tested process to develop and refine DoN IT Investment and Requirements Management Process

- Encompasses full scope of IT planning (strategy through execution)
- Requires dedicated effort to develop DoN IT investment plan and development of process guidance
- Validate, evolve and then implement across 9 NMCI and Enterprise IT Issues

Why Single Sign-On?

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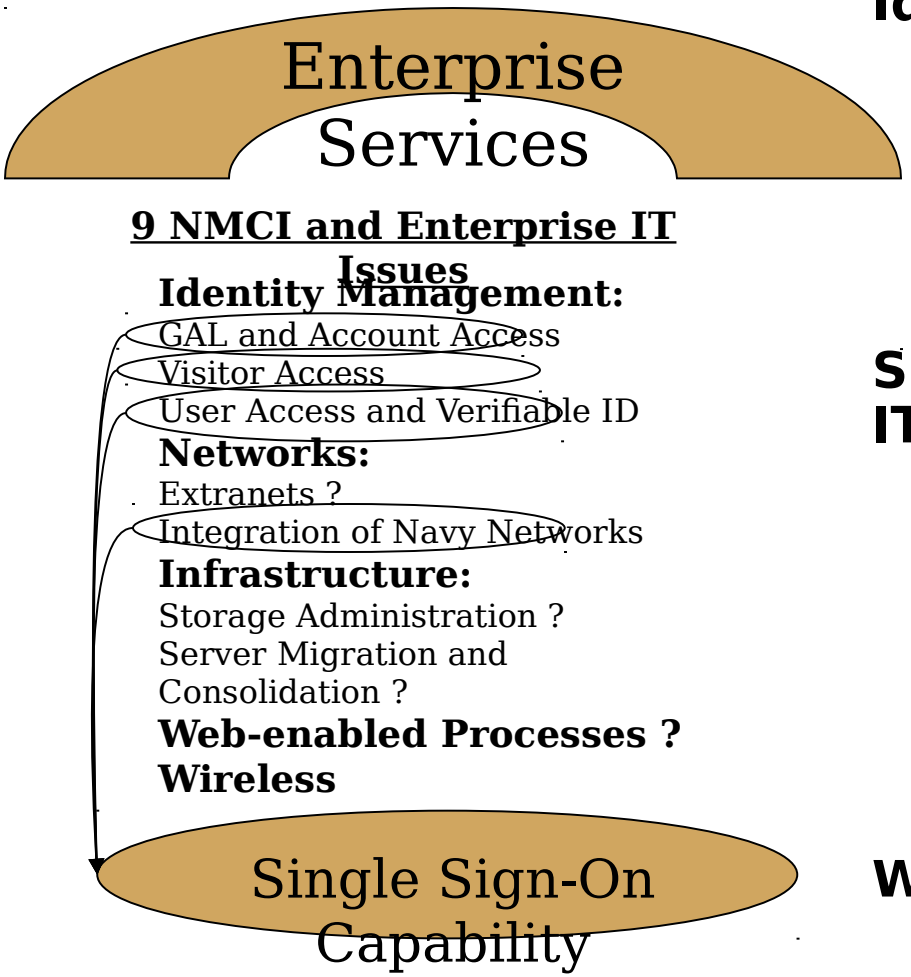

Identity Management

- Enterprise-level Issue
- NGDS is a component
- Profoundly affects the security infrastructure

Supports NMCI and Enterprise IT Issues resolution tasking

- Integral component of overall initiative
- Required to implement other directory related initiatives
- Enterprise agreement on need for global directory

Work has already begun

- Should move rapidly through abbreviated IT Investment and Requirements Management Process

IT Investment and Requirements Management Process Implementation Timeline

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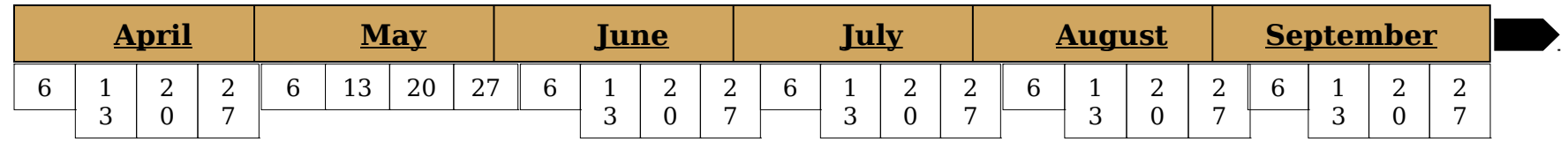

Identity Management (Single Sign-On)

Infrastructure (Server Consolidation)

Wireless

Incorporate lessons learned from Single Sign-On Pilot to validate and refine IT Investment and Requirements Management Process across NMCI and Enterprise IT Issues

Web-Enabled Processes

Networks

High Level POA&M Pre-Implementation Steps

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- Socialize the Process, POA&M and Phase templates
- Validate POA&M and Phase templates
  - Meet with NGDS Sponsor
  - Meet with NNWC (Requirements)
  - Meet with SPAWAR CHENG (Technical Analysis)
  - Meet with PEO-IT SMEs (Acquisition)
- Draft initial copy of Requirements Document (Phase I template)
  - Solicit input from SPAWAR CHENG
  - Solicit input from NGDS SMEs
- Develop implementation approach
  - Identify Working Group, Leadership Board and SMEs
  - ***Launch process and assignments via N6/N7 naval message***

High Level POA&M
Phase I

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Phase I – Capture High-Level Requirements

- Conduct Phase I Kick off Meeting
- Draft Requirements Document
  - Introduction
  - Issue Overview
  - High-Level Requirements
  - Resolution Assessment
- Finalize Requirements Document
  - Conduct Stakeholder Representatives Meeting
  - Conduct Working Group wrap-up meeting

Phase I – Leadership Board Meeting (VTC)

- Validation Decision
- Task Phase II Working Groups
- Pre-brief

High Level POA&M
Phase II

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Phase II – Technical and Architectural Analysis

- Conduct Phase I Kick off Meeting
- Draft Technical Specifications Document
  - Conduct Architecture and Technical Analysis
  - Develop Implementation Approach
  - Identify Lessons Learned from Industry
  - Estimate rough order of magnitude costs
- Finalize Technical Specifications Document
  - Conduct Stakeholder Representatives Meeting
  - Conduct Working Group wrap-up meeting

Phase II – Leadership Board Meeting (VTC)

- Pre-brief
- Prioritization Decision
- Task Phase II Working Groups

High Level POA&M
Phase III

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Phase III – Develop Investment Strategy

- Conduct Analysis of Alternatives
- Conduct Business Case Analysis
- Analyze Trade-off decisions
- Develop Investment Strategy
  - Identify acquisition category
  - Evaluate resourcing approach
  - Solicit Industry Involvement
  - Evaluate contracting vehicles
- Finalize Investment Strategy
  - Conduct Stakeholder Representatives Meeting
  - Conduct Working Group wrap-up meeting

High Level POA&M represents a superset of actual Process steps

Phase I, II and III are iterative and are performed in conjunction with each other

Phase III – Leadership Board Meeting (VTC)

- Pre-brief
- Prioritization Decision

Proposed Organizational Roles

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		· Enforces structured process · Maintains enterprise-level view · Conducts review between phases and makes decisions for proceeding	·Roles vary and evolve throughout the phases of the process · Generates Phase deliverables ·Recommendations to Leadership Board
Organization	**Responsibility**	**Leadership Board POC**	**Working Group POC**
NNWC	Lead	VADM Mayo	
CFFC	Prioritize Requirements	Monica Shepard Linda Newton	
DoN CIO	Policy	Dave Wennergren	
OPNAV N6/N7	Resourcing/ Validate Requirements	RADM Zelibor	Individual Facilitators
DoN Deputy CIO, USMC	Provide USMC input	BGEN Thomas	
Permanent LB Advisors			
NMCI	Issues background	RADM Munns	
PEO-C4I	Acquisition Strategy	Dennis Bauman	
PEO-IT	Acquisition Strategy	Steve Ehrler	Don Trayer
SPAWAR CHENG	Architecture and	Don Endicott	Tom Scruggs

Long Term Steps toward Enterprise Service

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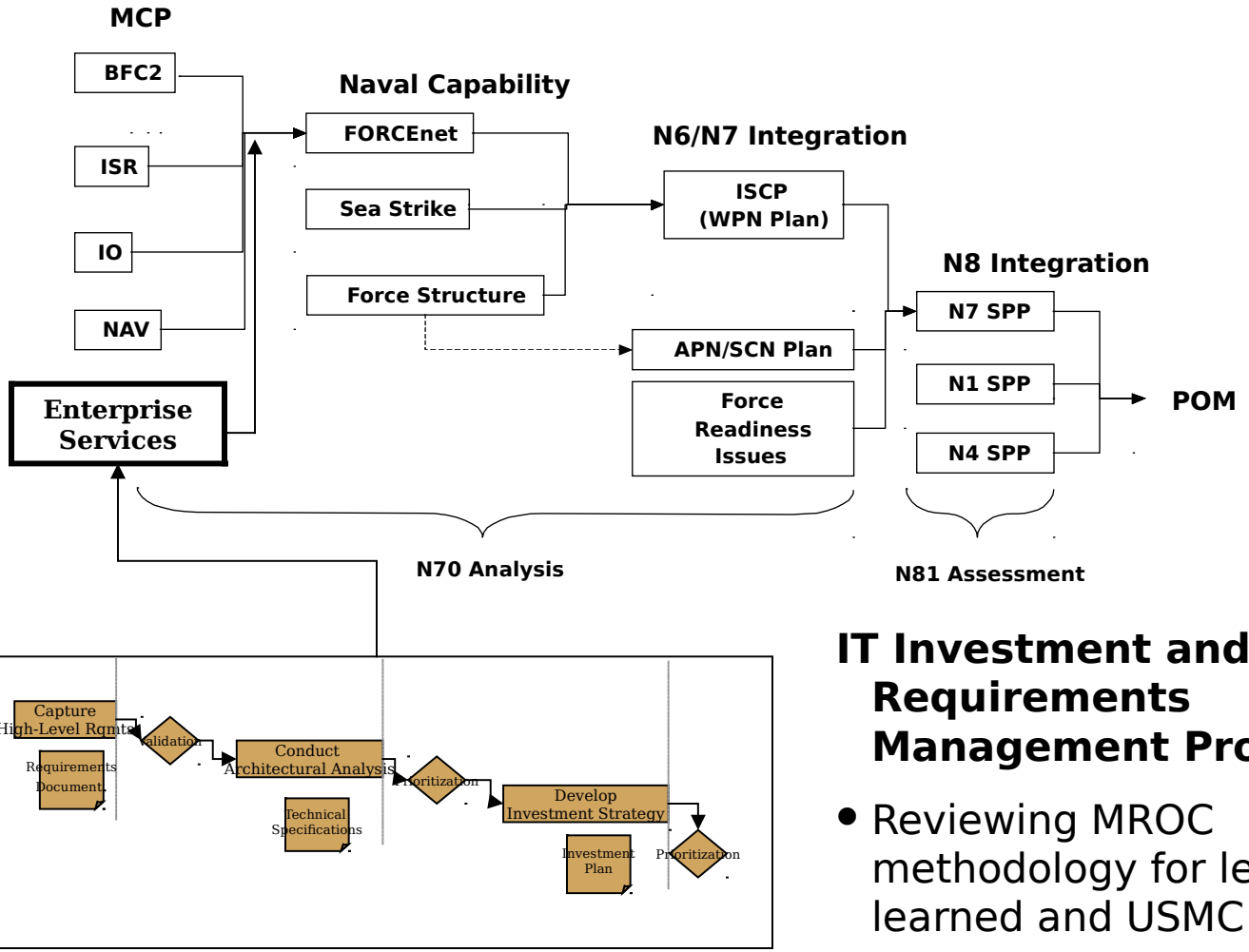
Process Sequence



IT Investment and Requirements Management Process

- Reviewing MROC methodology for lessons learned and USMC integration
- Based on Weapons System/ OAG process

Next Steps

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Identify and Brief Working Group and Leadership Board participants

Issue naval message to officially launch IT Investment and Requirements Management Process Pilot

Conduct Single Sign-On Pilot

Current Environment

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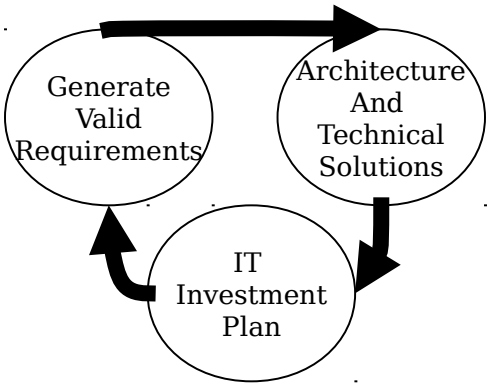

Change in the Environment

- N61 dual-hatted as Deputy DoN CIO
- SPAWAR is embracing technical architect role in light of FORECnet

	Valid Requirements	Architecture	Resources
Stakeholder Council	✓		
Virtual Syscoms		✓	
MCP/ ISCP/ SPP POM			✓
IT Investment & Requirements Management Prcoess	✓	✓	✓

To be effective you need all 3 elements

IT Investment and Requirements Management Process

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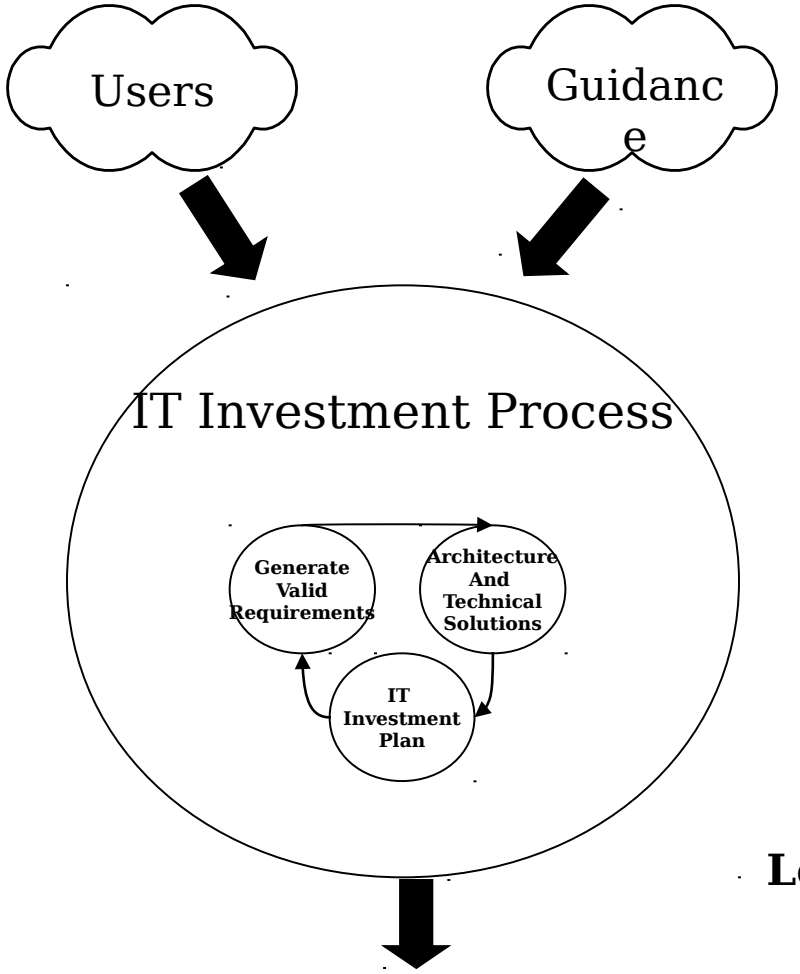

- **Validated Requirements**
- **Architectural and Technical Solutions**

Leadership Board

Decisions

Enterprise Services